Message

From: Nadine Kotlarz [nkotlar@ncsu.edu]

Sent: 4/26/2019 12:36:03 PM

To: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]

CC: Detlef R. U. Knappe [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=user17c3f77b]

Subject: Re: Hydro-EVE

Thanks

I'd be interested in sitting in on a meeting with Paul Resnick...

Nadine

On Fri, Apr 26, 2019 at 8:32 AM Strynar, Mark < Strynar.Mark@epa.gov > wrote:

Nadine,

I am not sure and I am not sure if Chemours knows that. If I were to guess I would say both.

From: Nadine Kotlarz < nkotlar@ncsu.edu > Sent: Friday, April 26, 2019 8:25 AM

To: Strynar, Mark < Strynar.Mark@epa.gov <a href="mailto:Center of the content of

Subject: Re: Hydro-EVE

OK

Would you say that all of the ethers are produced onsite and then discharged to the Cape Fear, or are some formed in the Cape Fear? Or is it both?

On Fri, Apr 26, 2019 at 8:22 AM Strynar, Mark < Strynar.Mark@epa.gov > wrote:

Nadine,

I have no idea what is made and where. NCDEQ should have that info.

Mark

From: Nadine Kotlarz < nkotlar@ncsu.edu>
Sent: Friday, April 26, 2019 8:17 AM

To: Detlef R. U. Knappe knappe@ncsu.edu knappe@ncsu.edu knappe@ncsu.edu knappe@ncsu.edu<

Subject: Re: Hydro-EVE

Thanks Mark

In what process area does Chemours produce the Ester Vinyl Ether (and, consequently, Hydro-EVE)?

My understanding is there are four areas at Fayetteville Works:

- 1. Fluoromonomer production (make HFPO here)
- 2. Nafion/IXM (make Nafion and PPVE here)
- 3. Polymer processing aid (make GenX here)
- 4. Wastewater treatment and powerhouse

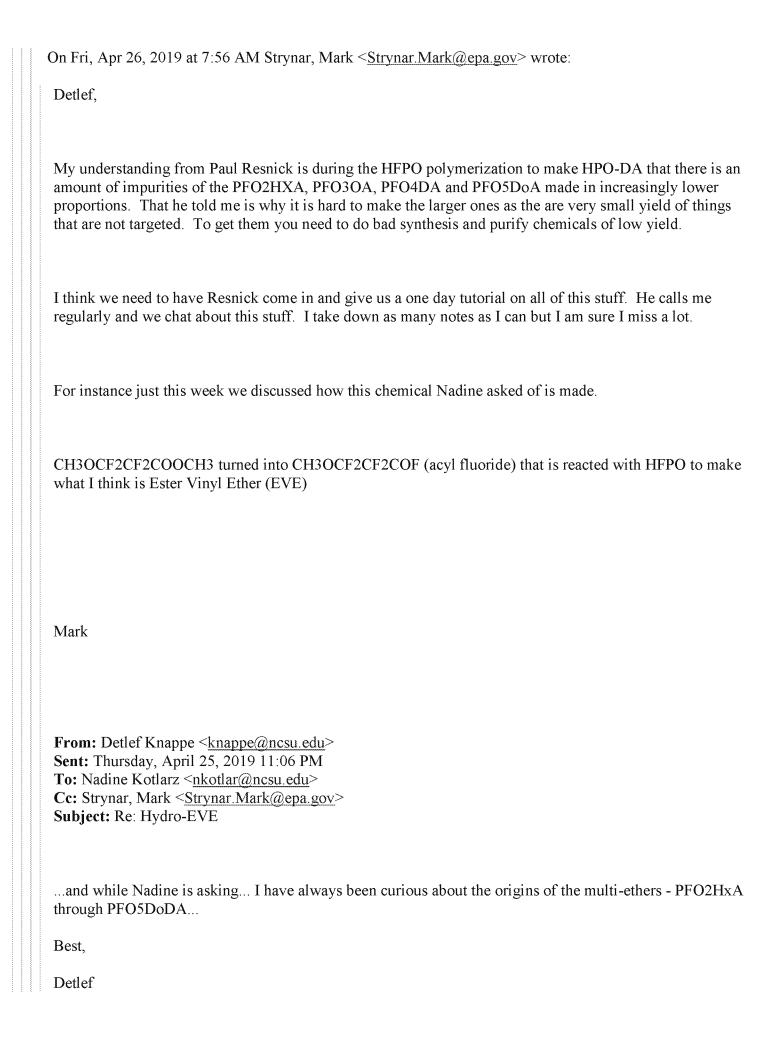
Are the fluorointermediates like EVE made in #1?

Nadine

On Fri, Apr 26, 2019 at 8:10 AM Detlef Knappe < knappe@ncsu.edu > wrote:

Thank you, Mark! It would be great to have such a tutorial. We can have it here at NCSU if it is easier. Do you want to ask him whether he's willing to do this? And what some possible dates are if yes? I am traveling the week of May 13 (Nadine, too), and the time from June 4 to June 21 is pretty bad for me (lots of different conference trips).

Detlef



On Thu, Apr 25, 2019 at 11:31 AM Nadine Kotlarz <<u>nkotlar@ncsu.edu</u>> wrote:

I'm trying to understand the origin of Hydro-EVE.

EVE (Ester Vinyl Ether) a Chemours fluorointermediate.

Based on the product information for EVE, it looks like Hydro-EVE is an impurity in EVE.

Have you heard of Iso-EVE, another impurity listed?

Nadine

Mark,